

SECRET

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1970 APR 16 15 14Z

S E C R E T 161456Z APR 70 CITE [] 8343

SUBJECT: IRIS II EVALUATION, MSN GT70-111, 23 MAR 70

1. IMAGE QUALITY: MSN GT70-111 WAS FLOWN OVER EDWARDS AFB RES TARGET RANGE AND BEST RESOLUTION READINGS OBSERVED ON CLOUD FREE FRAMES FOLLOW:

[] ACROSS TRACK ON FWD FRAMES 989 AND 981 []
[] ALONG TRACK [] ACROSS TRACK ON AFT FRAME 914. AVERAGE RESOLUTION READINGS WITHIN 20 DEGREES OF VERTICAL IN BOTH DIRECTIONS ON FWD AND AFT FRAMES. AREA ALONG NON-TITLED EDGE OF FORWARD FRAMES EXHIBIT BEST IMAGERY. AFT FRAMES AND AREA ALONG TITLED EDGE OF FWD FRAMES CONTAIN LESS THAN OPTIMUM IMAGE QUALITY. AREA ADJACENT TO TITLED EDGE OF FWD FRAMES APPEARS SLIGHTLY OUT OF FOCUS.

2. MSN DATA:

- A. MSN GT70-111 OF 23 MAR 70
- B. CAMERA NO: S/N 8013
- C. MODE OF OPERATION: STEREO
- D. FILM TYPE/FILTER: 3404/W-23A
- E. PROCESSING: DUAL GAMMA CHEMISTRY

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3. ORIGINAL NEGATIVE:

- A. EXPOSURE: VARIABLE. A DEFECTIVE SENSOR APPARENTLY CAUSED UNDEREXPOSURE NEAR THE END OF MISSION.
- B. IMAGED DEGRADATION: MINOR PLUS AND MINUS DENSITY STRIPES PARALLEL TO THE MAJOR AXIS, PRESENT THROUGHOUT MATERIAL.
- C. STATIC: NONE
- D. BANDING: NONE
- E. METERING: GOOD.
- F. AUXILIARY DATA: RECORDED SATISFACTORILY.

4. COMMENTS: EXCEPT FOR AEC SENSOR MALFUNCTION, MECHANICAL OPERATION OF CAMERA APPEARS SATISFACTORY. HOWEVER, RESOLUTION IS POORER THAN THAT OBSERVED ON MATERIAL FROM SIMILAR CAMERA SYSTEMS.

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END OF MESSAGE

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